

Camel

Unit Water Pod System



*All photo's and drawings are concepts only and are not meant to suggest or imply a design preference.

Unit Water Pod System

The Camel will be the primary system for receiving, storing, and issuing water within a unit. The Camel will be used by units at all echelons throughout the battlefield. The Camel will be mounted on a Government furnished Medium Tactical Vehicle (MTV) trailer and posses a minium water capacity of 900 gallons of water. Under the proposed Interim Brigade Combat Team (IBCT) concept, it will provide a maneuver company operating in a temperate environment with two (2) plus days of supply (DOS) of water at a minimum sustaining consumption rate. The Camel increases water capacity, which is a key requirement of meeting projected water sustainment requirements of the IBCT.

Operational Concept

- Receives, stores, and issues water within a unit
- Holds 900 gallons of water
- Capable of dispensing by gravity flow percent of pod volume
- Prevents freezing during cold weather operations
- Chills water during hot-weather operations



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System Includes

Basic Unit:

- M1095 MTV trailer
- Water storage provision
- Thermal-regulating capability

Contact Information

PM PAWS

www.tacom.army.mil/dsa/pmtaws/pm_paws

COM: (586) 574-4200 DSN: 786-4200

FAX: (586) 574-3988

PAWS Help Line

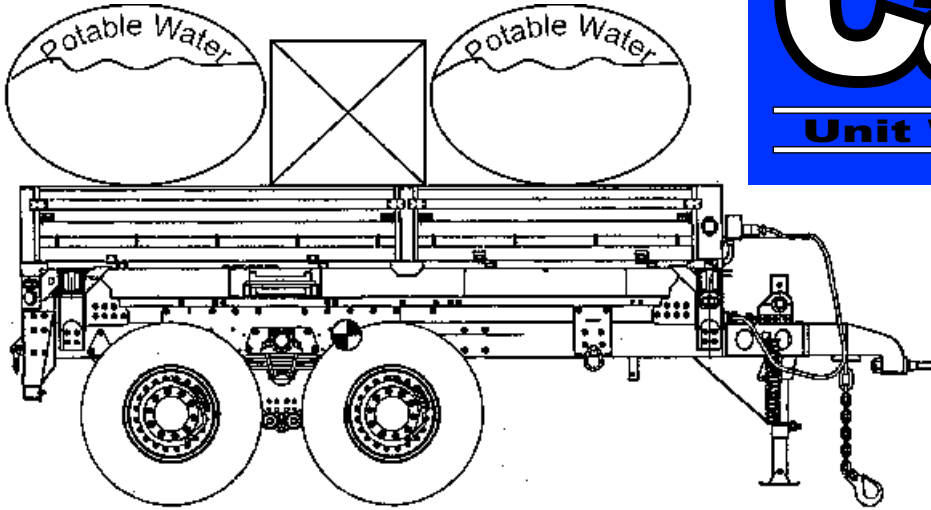
pawshelp@tacom.army.mil

COM: (586) 574-4143 DSN: 786-4143

QUARTERMASTER

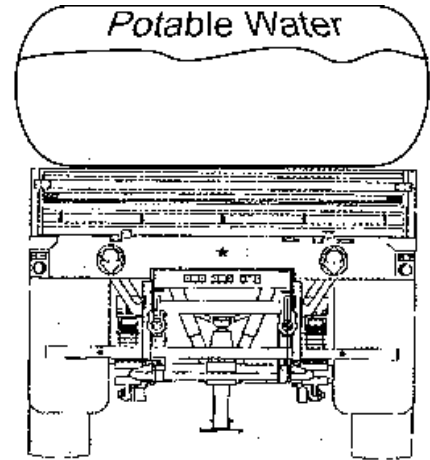
www.quartermaster.army.mil





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Unit Water Pod Sytem



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PROGRAM STATUS: N/A

LIN	NSN	SSN	BOIP
Z36683	N/A	R38101	N/A

Transportability

- CH-47 helicopter
- Transported by highway, air, rail, and marine
- C130 or greater aircraft utilizing conventional tie down provisions

Environmental Conditions

Storage	-50°F to 160°F
Operation	-25°F to 120°F

Performance

Chill rate.....	40 GPH min chilled up to 60°F Delta
Gravity discharge.....	21 GPM min total flow thru spigots
Fuel supply.....	A min of 6 hrs under max operating load
Survivability.....	HAEMP NBC Decontaminable MOPP 4/cold weather gear

Dimensions

System Under Development